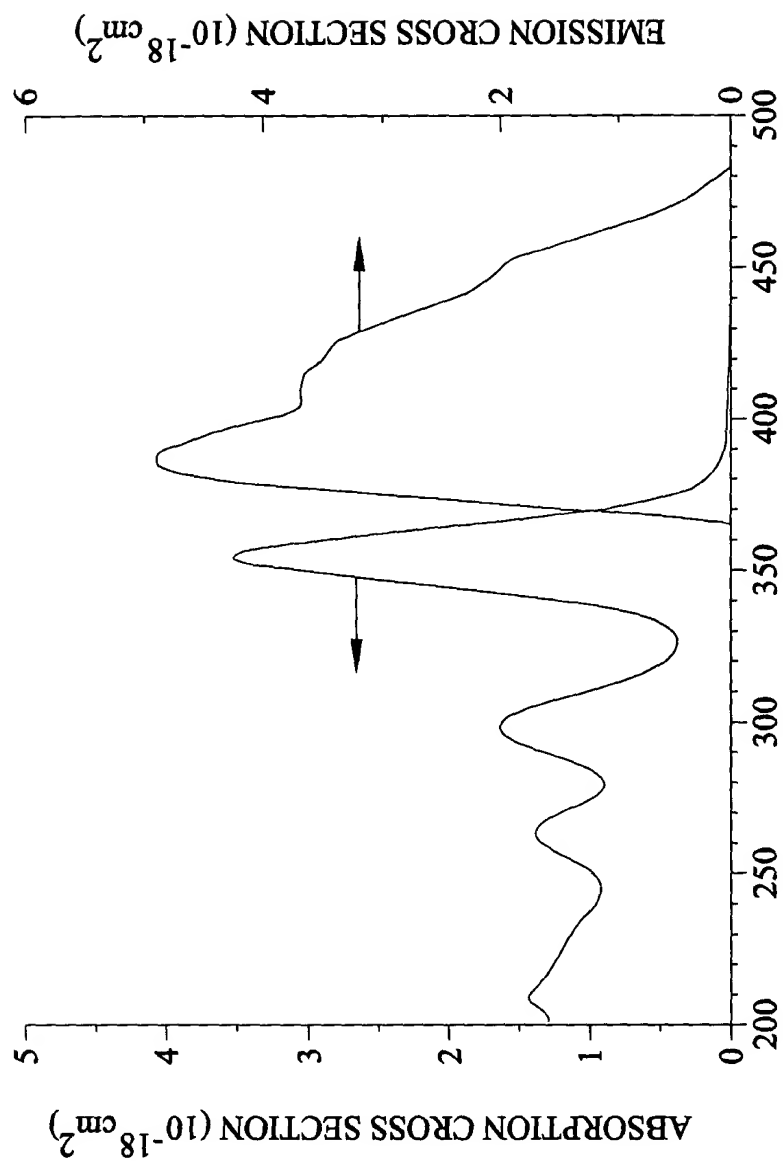




$\text{Ce}^{3+} : \text{Y}_2\text{SiO}_5$ ABSORPTION AND EMISSION SPECTRA

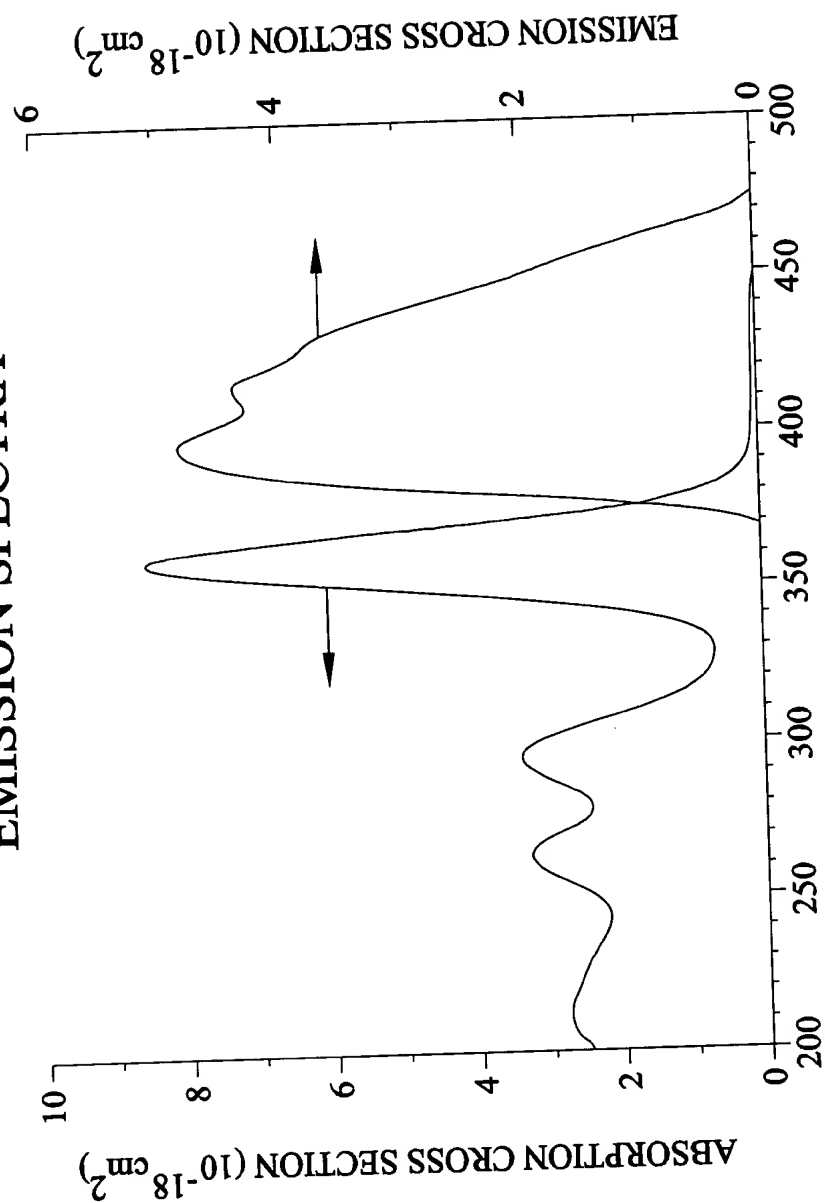


WAVELENGTH (nm)

FIG. 1A (YSO)



$\text{Ce}^{3+} : \text{Lu}_2\text{SiO}_5$ ABSORPTION AND
EMISSION SPECTRA



WAVELENGTH (nm)
FIG. 1B (LSO)



SCINTILLATING DETECTORS

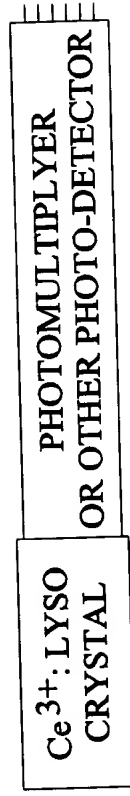
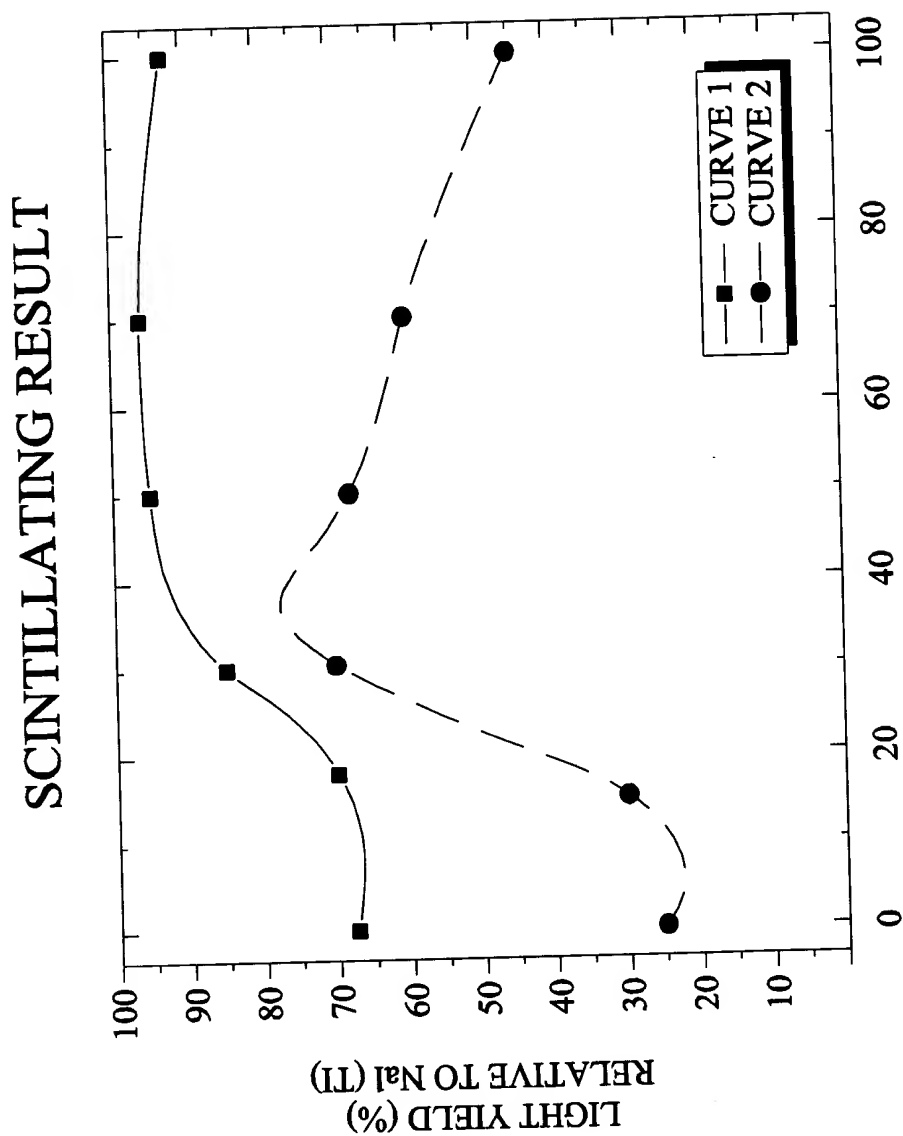
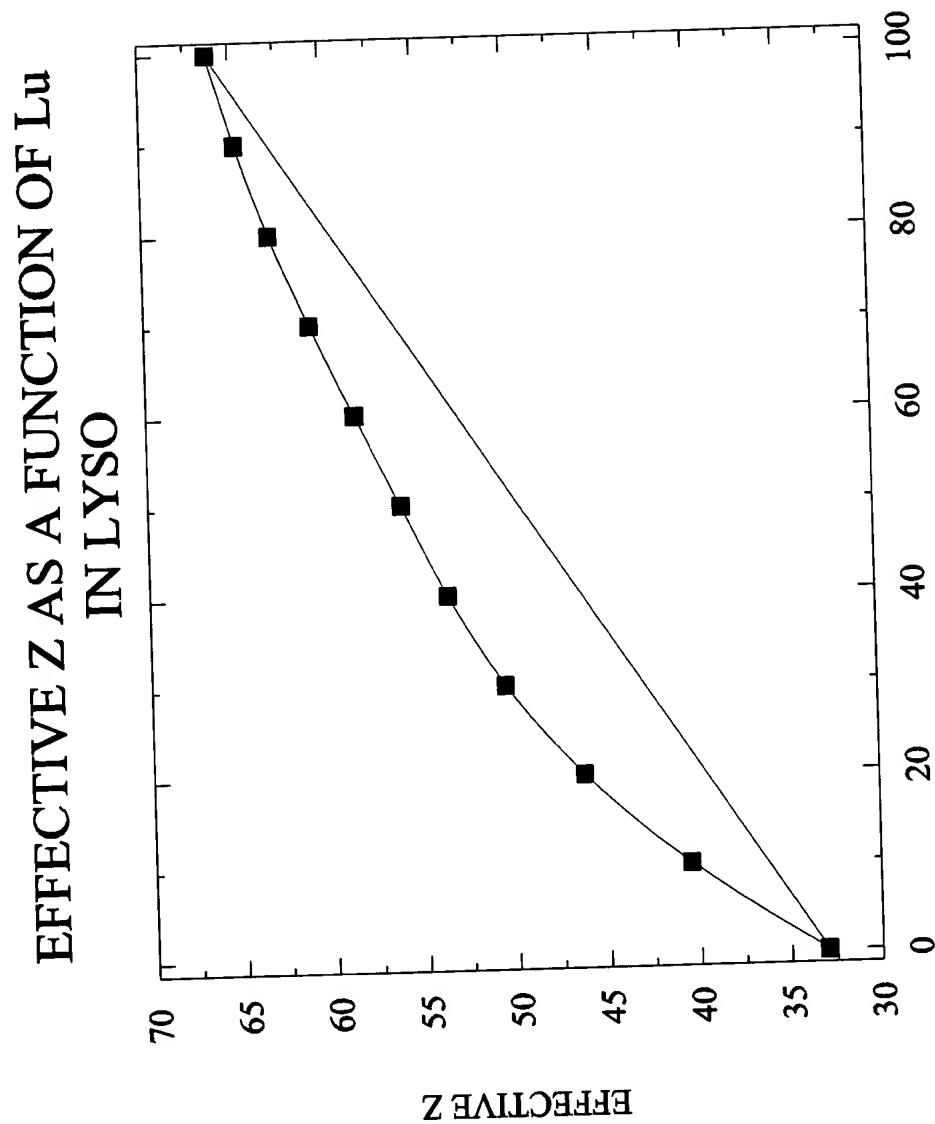


FIG. 2



% OF L₁ IN LYSO

FIG. 3



% OF Lu IN LYSO

FIG. 4